Filing Date: December 20, 2001

Title: ALGORITHM FOR WEB SERVICES FULFILLMENT IN A PEER-TO-PEER ENVIRONMENT

Assignee: Intel Corporation

IN THE CLAIMS

Please amend the claims as follows.

- 1-21. (Cancelled)
- 22. (Currently Amended) An apparatus comprising:

a server comprising:

a registry <u>server</u> comprising identifications of <u>one or more</u> services and identifications of peers that perform the services; and

a second electronic device <u>coupled to the registry server across a network to receive a</u>

service request from a first electronic device, the second electronic device to fulfill a portion of a

service request received from a first electronic device to fulfill a portion of the service request, to

find a third electronic device using the registry server, and to send a remaining portion of the

service request to <u>a the</u> third electronic device found using the registry server.

- 23. (Original) The apparatus of claim 22, wherein the third electronic device is to fulfill the remaining portion of the service request and to send a response to the second electronic device.
- 24. (Original) The apparatus of claim 23, wherein the third electronic device is to fulfill the remaining portion of the service request by itself.
- 25. (Original) The apparatus of claim 23, wherein the third electronic device is to use a fourth electronic device to fulfill the remaining portion of the service request.

26-31. (Cancelled)

32. (Previously Presented) A system comprising: a server comprising:

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a registry comprising identifications of services and identifications of peers that perform the services; and

a network adapter; and

a second electronic device to receive a service request from a first electronic device, to fulfill a portion of the service request, to find a third electronic device using the registry server, and to send a remaining portion of the service request to the third electronic device.

- 33. (Previously Presented) The system of claim 32, wherein the third electronic device is to fulfill the remaining portion of the service request and to send a response to the second electronic device.
- 34. (Previously Presented) The system of claim 33, wherein the third electronic device is to fulfill the remaining portion of the service request by itself.
- 35. (Previously Presented) The system of claim 33, wherein the third electronic device is to use a fourth electronic device to fulfill the remaining portion of the service request.
- 36. (New) The apparatus of claim 22, wherein the registry server is implemented in Extensible Markup Language (XML).
- 37. (New) The apparatus of claim 36, wherein the service request is an XML formatted message.
- 38. (New) The apparatus of claim 22, wherein the registry server is implemented in Electronic Data Interchange (EDI).
- 39. (New) The apparatus of claim 22, wherein the service request includes a header, the header including an address of the first electronic device, and the service requested.

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40. (New) The apparatus of claim 22, wherein the second electronic device is to respond to the service request received from the first electronic device, the response to include a response to the first electronic device and a request to the third electronic device.